

(3) challenge Brigman to solve the message.
 The following is the cryptogram as submitted to Brigman:

KB BTR EKSMO DG TNS GDNX AAT XCN ICA
 IDUSEA AJEF HI RGZ TKCD FP AQWDJ YD MON
 ZK DA JGE ONWA HXTCHQC WOSG WTMCP BN RF
 GUUKHEJ II XHR WARHVV FQ QIKCW HGBQLY
 PWFHROT SMHLM E PHGEEPNTFY

He fitted the following poem to the text, word for word, by their lengths, after a search through various books of quotations:

part in cipher text above.

IN THE PHOTO OF HER HERO SHE CAN SEE
 THINGS THAT DO NOT SHOW SO CLEAR TO YOU
 OR ME FOR HER OUTLOOK EVER SEEMS TO BE
 COLORED BY HER DREAMS IN WHICH GOLDEN
 SUNSHINE GLEAMS ENDLESSLY.

to here

PROBLEM: Can you prove the hypothetical solution? And if you can, can you solve the following cryptogram in the same key?

QAHGX	OSXAO	WYKVN	XDKJG	TTIKN	TIHKB	ZDFQK
FYGBA	DDXXI	WNIHY	YLETV	PVWAG	WHWEC	KRNZY
MTPHZ	OCHPO	YKXKB	CXYVW	PPXUA	GYVRQ	QYHEW
UPMNS	TOGHB	AEKLF	UYYTR	LGWKQ	OC	

QAHOX OSXAO WYKVN ~~REF ID: A673674~~ ZDFQK
FYCBA DDXXI WNIHY YLZTV PWWAG WHWEG KRNZY
MTFHZ OCHPO YXXXB CXYYW PPXUA GYVRQ QYHEW
UPMNS TOGHB AEKLF UYYTR LGWKQ OC

	F	Q	N	T	L	R	Y	M	I	J	W	U	K	D	H	A	P	O	V	S	B	C	Z	G	E		
	V	S	Y	R	Z	O	X	L	Q	B	M	L	W	F	C	G	T	E	K	N	I	A	P	U	J		
	H	O	Z	A	E	D	R	V	N	X	R	B	J	I	P	Y	U	N	C	S	L	G	T	M	Q	K	
→	E	A	G	U	F	Z	K	S	D	Z	N	Q	L	T	O	M	B	I	H	R	P	Y	X	V	W	Q	
	G	P	M	J	A	N	H	F	A	S	V	R	Y	E	X	N	L	C	Z	T	O	D	K	B	I	U	
	T	X	Q	G	B	C	J	G	H	K	Z	O	U	D	S	R	I	A	Y	E	F	W	N	L	M	P	
	J	V	P	N	I	Q	P	C	N	A	E	M	F	H	Z	L	G	O	U	J	B	S	R	X	T	Y	
	K	T	S	L	V	T	I	B	G	U	X	J	C	A	R	P	E	M	Q	N	H	Z	D	Y	O	F	
	Y	H	R	K	Y	L	N	P	M	D	R	I	G	Z	T	U	X	V	S	C	A	F	O	E	J	W	
→	C	Z	W	O	R	S	T	X	F	V	L	P	A	Y	M	D	K	H	I	G	J	E	U	Q	B	O	
	A	B	E	Z	H	Y	D	J	K	R	T	G	O	X	F	W	C	L	P	Q	U	M	V	N	E	I	
	N	U	A	E	O	F	Q	N	Z	Y	P	E	D	J	B	I	R	T	V	M	X	K	S	U	L	G	
	M	G	I	E	J	V	B	A	O	T	U	F	Q	N	L	Z	Y	K	X	D	W	H	M	R	P	S	
	P	L	U	Q	K	N	G	E	Y	M	J	V	S	R	A	O	N	D	F	B	C	X	Z	T	H	X	
	R	M	V	W	S	P	U	O	X	Q	K	H	Z	G	E	B	F	J	N	I	D	A	Y	E	D	T	
	X	K	B	H	T	M	E	D	V	H	C	A	P	U	N	J	A	S	L	F	G	O	I	F	Y	Z	
	W	N	C	Y	X	U	F	K	B	I	G	T	M	S	Q	V	H	R	J	P	E	L	J	O	A	D	J
	S	I	O	D	M	J	W	N	L	P	Y	X	H	V	K	E	R	R	T	U	R	Q	E	G	F	B	
	L	E	F	X	Q	B	S	R	T	O	D	C	K	W	I	A	N	Y	M	Z	V	U	P	J	N	H	
→	U	J	D	V	N	H	Z	Y	E	F	I	W	B	L	G	K	O	X	A	K	M	T	Q	S	C	R	
	Q	F	K	S	R	A	O	U	J	L	D	N	R	P	W	E	D	G	W	X	Y	V	H	I	Z	M	
	J	W	H	I	G	E	M	R	N	S	Z	T	O	U	F	P	B	D	O	K	C	L	A	X	V		
	B	C	L	P	U	X	V	Z	S	H	A	Y	N	M	J	T	H	F	E	W	I	R	G	D	K	Q	
	I	R	T	M	D	K	A	H	C	G	O	S	X	Q	Y	S	L	U	B	L	Z	P	F	W	Y	N	
→	Z	Y	X	F	W	G	C	L	P	E	H	D	V	O	H	M	N	R	A	T	J	B	K	S	L		
	O	D	J	B	P	I	L	T	U	C	F	K	E	C	V	X	S	Z	G	Y	Q	N	W	H	R	A	

Brigian
Manage
Basic
Table

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

P O E O N C E

Q A H O X O S

W R O T E Q U O T E T H E R E I S N O T H I N G T H
X A O W Y K V N X D K J G T T I K N T I H K B Z D F

E I N G E N U I T Y O F M A N C A N I N V E N T H
Q K F Y C B A D D X X I W N I H Y Y L Z T V P V W A

A T T H E I N G E N U I T Y O F M A N C A N N O T U
G W H W E Q K R N Z Y M T F H Z O C H P O Y X K X B

N R A Y E L U N Q U O T E D D O E S N T T H I S H E L
C X Y V W P P X U A G Y V R Q Q Y H E W U P M N S T

P T O P R O V E H I S C O N T R E N T I O N
O G H B A E K L F U Y Y T R L G W K Q O C

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
REF ID: A273674
X O U R M E S

S A R R E A S E

J Y M W B (O) R I O H G K V I REF ID: A273674

S L M P U S U A W V U C R V O R

V U C R V (O) R

P A C I B H M Y U U R E S N T L G

Y U U R E S N T L G

E X E T (J) U F O K M T (Y) S (D) N

D O X W I W Z T G O V G W

I F B O F C D T X G A N C R H

P Q V R (J) F B G M (P) W H N Z V Q

R J F B G M P W H N Z V Q

J P A L U Q C Y I J U G H T

L C H S Y (O) Y C U Q M

Y X X G X Q T T

J K F N Z X T Y G K E

E (Z) N X T Y G K E

X X F P

(A) Z K V B K D M Y Q Q

J M Y Q Q

K A

E S T L Y M Q T T I C I

Z (N) N C K (O) R (V) T X K D (B) A Z

B A (W) D Y I U J E N B D J Y

N Y E G N (I) T F E O

X L V G K I Y P D J Y L Y M W N Y

V L L S V (O) H Q (Z) H M I N C V V

Z C V V

L U K F C A H N X E

Z Y N L Q U O (V) O Z U Z U K X C

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A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 E H L N S V Z C F K M A U Y D J P R W A G I O T B X
 Y Q W T B U M X K R D L I Z G E S F P V O N H C A J
 F I Z D T M P G A V U B H Q W L R C J X S O Y K E N

} AL2

Fig. 2-3-4

AL5

Bugman Message Alphs.

AL1 was CW5 reversed

AL5 " CW1 direct

GORDON-2
write ELEANOR } Key

Setting 5-4-3-2-1 with 5 and 4 inverted

O P Q R S T U V W X Y Z
 1 2 3 4 5 6
 O P Q R S T U V W X Y Z
 REF ID: A273874
 W X S E R H
 N I F G K C M V a Y U
 H a S H
 S C
 P C A Y S D K U J P M R Y W
 N O R E W M P N M H e I D
 L V

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 T Y H O A I U B V P J C K D W Q L R E X M F S Z N G

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 J P R W V A I C Y D
 E H L N S V Z C F K M R U Y S J P R W A G I O T B X } converted
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 T E W Z M R Y
 S F A C
 L G

Brugman ~~ALI~~ ALI

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Y

Handwritten text within a rectangular border, including letters B, T, R, K, M, S, O, J, A, F, E, A, N, W, X, C, W, J, I, W, F, Q, I, K, W, H, Y, V, R, O.

Handwritten text to the right of the border, including letters A, T, N, D, X, A, I, R, Z, M, N, W, X, C, W, J, I, W, H, R, O.

F S R U X M M F Y E P A J I U K X

S R U X M M F Y E P A J I U K X J S Q S Q Z I R K

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
T R N S P Q R S T U V W X Y Z

A V A L M B F E P A J I U K X J S Q S Q Z I R K
S R U X M M F Y E P A J I U K X J S Q S Q Z I R K

Y O T L O R U T P R V N Z M M A E P Z N R P T O P S S E T P R U C X O G Z U E T R M Z A C O R P R P

F P Q C X G Z U L R N Z A O P M P P Z A T O T B N T A T T P Y A T T P A F R X E F T A T I V O O T E C U A T

L A G R E F R A T I V O O T I U D H V O Z G A E K V E S S C H O T M S T X O M C Z Y T H R U S K T A T U A S

L S M O N P R Q S T U V W X Y Z
B E Y X M P R Y T R U S V Y K A T U M R U Z O X A L U N C R S M W T S E S U A Y N M O R E S Z Z

L S M U S T O A Y N P O R E S Z Z
W T Y C O T A Y N P O R E S Z Z

✓ S Q S G Z I R X P H T H I

U S M S Q S G N Z R T K O

P Z Z U S P P P P A U C

T C T B Z P T T C Y R A

V O Z F S M K U I M S S

U Z O A V P T L N Y O M P S Z

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